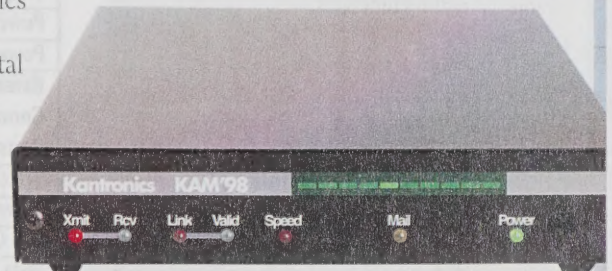


- Smaller ■ More Processing Power
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# KAM '98™

## Single Port Multi-Mode Digital Controller

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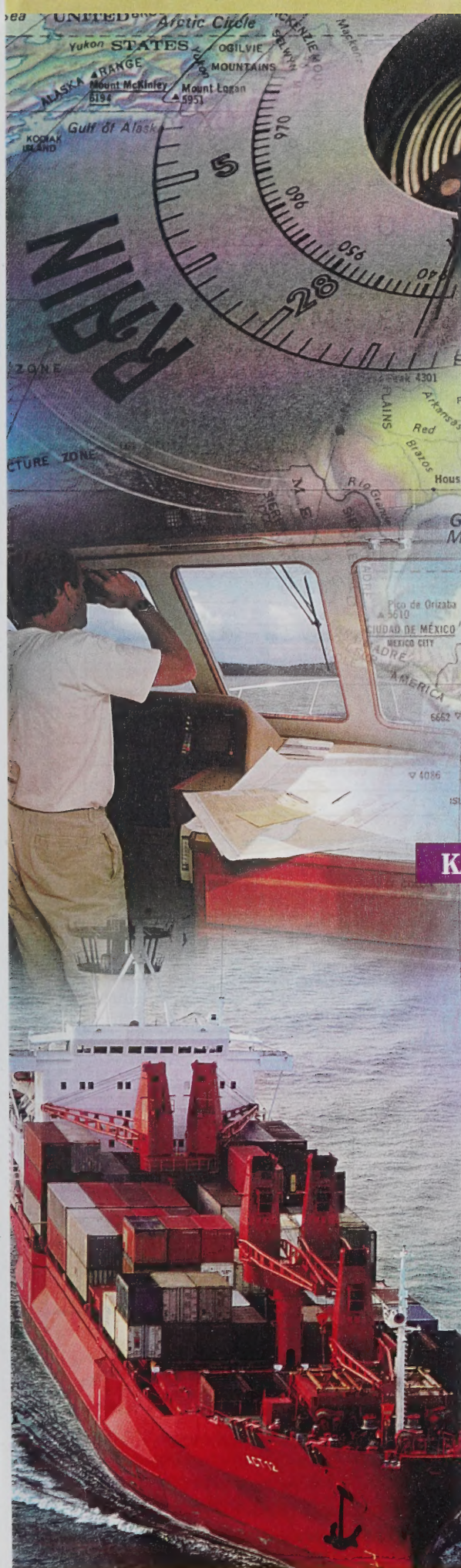
### KAM '98 OPERATIONS:

- |  |                            |
|--|----------------------------|
| ■ GTOR™                                  | ■ EMWIN                    |
| ■ PACTOR                                 | ■ HF E-mail                |
| ■ AMTOR ARQ, FEC, SELFEC, CCIR 476 & 625 | ■ CW                       |
| ■ PACKET 300 or 1200 bps                 | ■ GPS NMEA-0183 compatible |
| ■ RTTY                                   | ■ TELEMETRY                |
| ■ NAVTEX/AMTEX                           | ■ REMOTE CONTROL           |
| ■ ASCII                                  | ■ REMOTE SYSOP ACCESS      |
| ■ WEFAX                                  | ■ HOST Mode                |
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## Explore New Modes

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## GPS Compatible

Connect a GPS to KAM '98 (NMEA-0183 format required) and beacon your position to others. Great for mobile and marine operators. KAM '98 is engineered to work with APRS® geolocating software and supports advanced UI frame digipeating functions.

## HF or VHF operation

KAM '98 is flexible in that it can be used on HF or VHF/UHF bands. The 1200bps packet function can work on bands 10 meters and above. Operators can also experiment with digital modes other than packet on VHF frequencies.

## Large Capacity Internal Mailbox

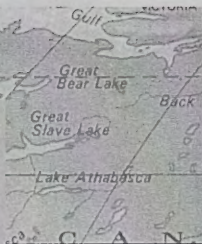
100k personal mailbox is standard, expandable with optional 512k memory chip. Free Signal Detection supports HF e-mail function, a popular feature with marine operators.

## Remote Access AND Remote Control

KAM '98 can be remotely accessed and controlled with user defined password protection. KAM '98 can also control other devices through the use of its A/D input/outputs. Using the A/D feature, it can also gather and report telemetry. There are many possibilities, including remote temperature sensing, battery voltage monitoring, opening/closing relays to operate other devices, security device monitoring and more! A dedicated DB-9 port allows for easy connections.

### KAM '98 Options:

- 120VAC to 12VDC power cube
- 512k memory expansion chip
- Hardware Single Port (HSP) cable
- PacTerm '98™ program for Windows 95®



# KAM '98

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## Specifications - Kantronics KAM '98 Data Communicator

Dimensions (HWD)	1.2" x 6.7" x 6.9" or 30 mm x 170 mm x 175 mm (w/o projections)
Weight:	18 oz or .5 kg (approx)
Power Requirements	5.5 VDC ~ 17VDC, 110 mA (LEDs on, unit active)
Power Plug	Coaxial, center pin positive 2.1 mm
External Connection Ports	DB-9 female (radio port ); DB-9 female AUX A/D DATA (REMOTE port); DB-25 female (computer/data terminal)
Watchdog timer	approx 2.5 minutes (jumper setting option)
External Carrier Detect	Pulldown to ground
A/D Converter	Two inputs; 0 ~ 5VDC 8-bit accuracy Z in = 20k $\Omega$
Data Rate - Radio Port	45 ~ 1200 bps
PTT Output	Open drain, +50 VDC max, 200 mA max
Audio Output	Continuously adjustable 1 mv p-p ~ 5 v p-p
Output Impedance	600 $\Omega$ AC coupled
Modulation	AFSK
Audio Input	
Sensitivity	3 mv p-p
Dynamic Range	> 75dB
Input Impedance	10k $\Omega$ or 620 $\Omega$ user selectable by jumper
Max input voltage	$\pm$ 12VDC; 35 v p-p sinusoidal
Operating Modes	Packet, PACTOR, GTOR, AMTOR, RTTY, ASCII, CW, WEFAX, NAVTEX/AMTEX, KISS, XKISS, HOST, GPS, EMWIN
LED Indicators	Power, Xmit, Rcv, Connected, Status, Mail, Tuner Centering Bar
Remote Control Access	All controller functions, user defined password
External Reset	Pulldown to ground
Compliance	FCC Class B; Europe - CE Conformity

KAM '98 is protected by a one year warranty to the original owner.

## A Quick Reference Guide To Kantronics Data Controllers

	High Speed	Dual Port	Packet	HF and VHF	Paging Monitor	GPS Ops	APRS® Ops	K-Net capable	9V batt option
KPC-3 Plus			Yes			Yes	Yes	Yes	Yes
KPC-9612 Plus	Yes	Yes	Yes	Yes (option)	Yes	Yes	Yes	Yes	
KAM Plus		Yes	Yes	Yes		Yes	Yes		
KAM 98			Yes			Yes	Yes		

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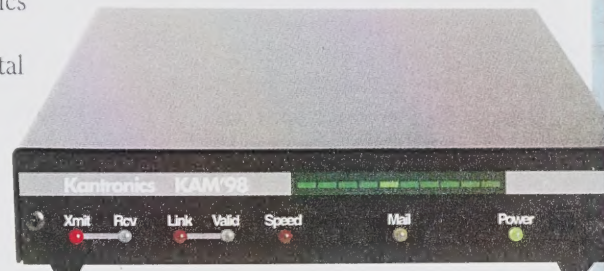


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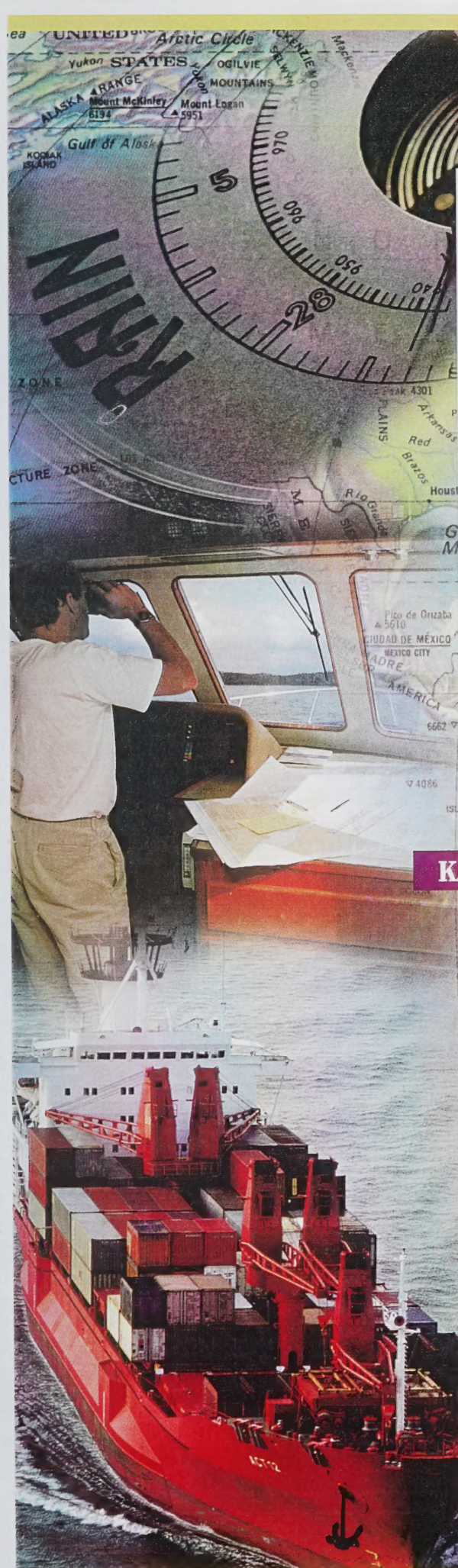
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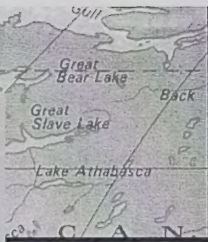
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KPC-9612 Plus	Yes	Yes	Yes	Yes (option)	Yes	Yes	Yes	Yes	
KAM Plus		Yes	Yes	Yes		Yes	Yes		
KAM 98			Yes			Yes	Yes		

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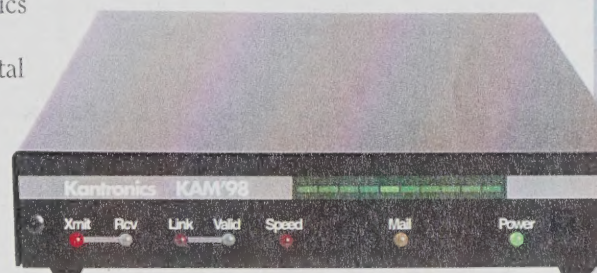
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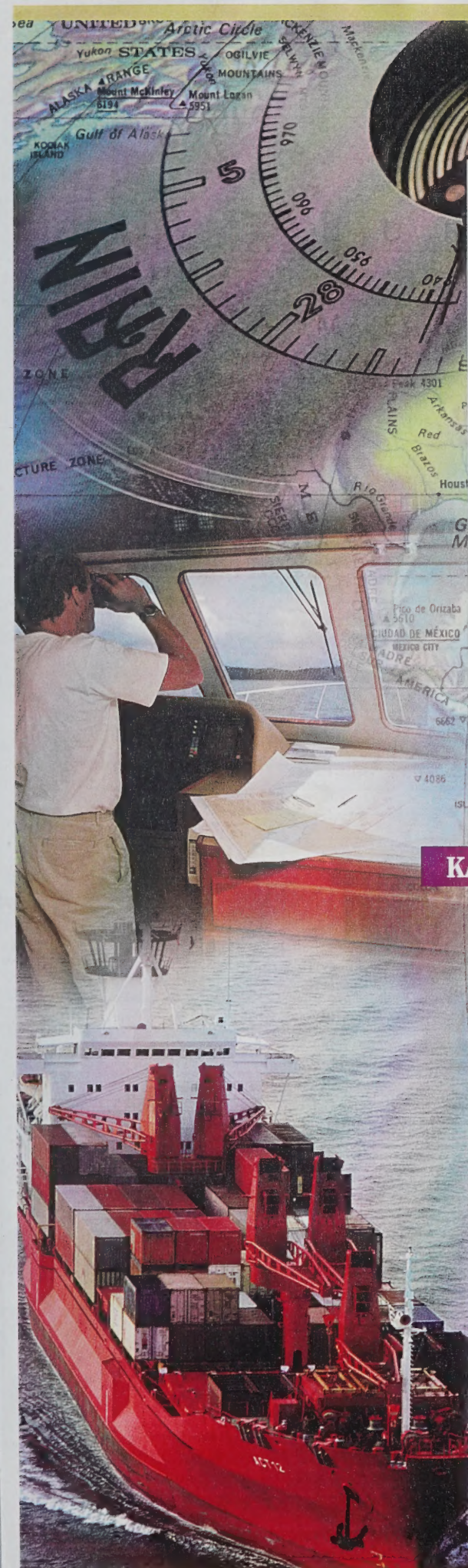
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